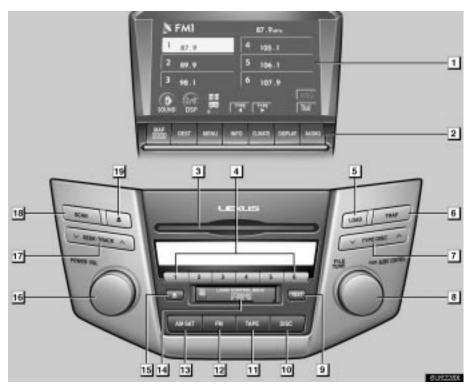
SECTION VI

AUDIO/VIDEO SYSTEM

Audio/video system

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Quick reference



- ▶ If a Mark Levinson brand audio system is installed, the "Mark Levinson" logo is shown on the panel.
- Touch the button display screen
 Touch the buttons displayed on the screen to control the radio, cassette tape player, CD changer, DVD changer or DVD player. For details, see page 168.
- Push this button to display the audio control screen. For details, see page 167, 194, 198, 210 and 221.
- 3 Disc slot
 Insert discs into the slot after pushing
 "LOAD" button. For details, see
 pages 190 and 205.

4 Station selector and function buttons

Push these buttons to preset and tune in radio station and control the casette tape player, CD changer, DVD changer and DVD player. For details, see pages 174, 181, 186, 196, 198, 202, 230 and 234.

5 "LOAD" button
Push this button to inse

Push this button to insert the disc. For details, see pages 190 and 205.

6 "TRAF" button
Push this button to seek a traffic program station. For details, see page

7 "TYPE-DISC" button

Push "A" or "V" button to select a program type or a selected disc. For details, see pages 175, 192, 194, 207 and 208.

8 "AUDIO CONTROL"/"TUNE-FILE" knob

Push this knob to adjust the audio sounds. Turn this knob to move up or down the station band or file. For details, see pages 171, 173 and 199.

9 "TEXT" button

Push this button to change the audio display for the RDS station, audio disc and MP3/WMA disc with text data. For details, see pages 178, 183, 197 and 203.

10 "DISC" button

Push this button to turn the CD changer, DVD changer or DVD player on. For details, see pages 167, 193, 194, 208 and 226.

11 "TAPE" button

Push this button to turn the cassette tape player on. For details, see pages 167 and 186.

12 "FM" button

Push this button to choose an FM station. For details, see pages 167 and 173.

13 "AM-SAT" button

Push this button to choose either an AM or SAT station. For details, see pages 167, 173 and 180.

14 Cassette tape slot

Insert a cassette tape into the slot. For details, see page 186.

15 **button for the cassette tape**

Push this button to stop and eject the cassette tape. For details, see page 186.

16 "POWER-VOL" knob

Push this knob to turn the audio system on and off, and turn it to adjust the volume. For details, see page 167.

17 "SEEK-TRACK" button

Push "\"\" or "\" button to seek up or down for a station, or to access a desired program, track, file or chapter. For details, see pages 175, 182, 195, 199, 213 and 223.

18 "SCAN" button

Push this button to scan radio stations or scan the tracks, discs, files or folders. For details, see pages 175, 182, 196, 201, 229 and 233.

19 **button for the discs**

Push this button to stop and eject the disc. For details, see page 192 and 207.

Using your audio/video system —

— Some basics

This section describes some of the basic features on Lexus audio/video systems. Some information may not pertain to your system.

Your audio/video system works when the ignition switch is in the "ACC" or "ON" position

NOTICE

To prevent the battery from being discharged, do not leave the audio/video system on longer than necessary when the engine is not running.

CAUTION

For vehicles sold in U.S.A. and Canada:

Part 15 of the FCC Rules

FCC Warning:

Any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.

- Laser products
 - Do not take this unit apart or attempt to make any changes yourself. This is an intricate unit that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.
 - This product utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

• Turning the system on and off



"POWER-VOL": Push this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

"AUDIO": Push this button to display touch-screen buttons for audio system (audio control mode).

You can select the function that enables automatic return to the previous screen from the audio screen. See "(a) Automatic transition" on page 157 for details.

• Switching between functions



Push "AM-SAT", "FM", "TAPE" or "DISC" button to turn on the desired mode. The selected mode turns on immediately.

Push these buttons if you want to switch from one mode to another.

If the tape or disc is not set, the cassette tape player, CD changer, DVD changer or DVD player does not turn on.

You can turn off each player by ejecting the cassette tape or disc. If the audio system was previously off, then the entire audio system will be turned off when you eject the cassette tape or disc. If another function was previously playing, it will come on again.















The buttons for radio, cassette tape player, CD changer, DVD changer and DVD player operation are displayed on the function button display screen when the audio control mode is selected.

Touch them lightly and directly on the screen.

The selected button is highlighted.

INFORMATION

- If the system does not respond to a touch of a touch-screen button, move your finger away from the screen and then touch it again.
- You cannot operate dimmed touch-screen buttons.
- Wipe off fingerprints on the surface of the display using a glass cleaning cloth.

• Tone and balance

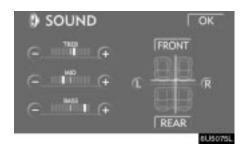
How good an audio program sounds to you is largely determined by the mix of the treble, midrange, and bass levels. In fact, different kinds of music and vocal programs usually sound better with different levels of treble, midrange, and bass.

A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

Keep in mind that if you are listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of one group of sounds while decreasing the volume of another.



1. Touching "SOUND" displays the sound adjustment screen.



2. Touch the desired button.

"TREB" "+" or "-": Adjusts high-pitched tones.

"MID" "+" or "-": Adjusts mid-pitched tones.

"BASS" "+" or "-": Adjusts low-pitched tones.

"FRONT" or "REAR": Adjusts sound balance between the front and rear speakers.

"L" or "R": Adjusts sound balance between the left and right speakers.

3. Touch "OK".

The tone of each mode (for such as AM, FM and DVD changer) can be adjusted.

DSP control

To display the DSP control mode screen, touch "DSP" on the audio control mode screen.



Automatic sound levelizer (ASL):

When the audio sound becomes difficult to hear due to road noise, wind noise or other noises while driving, touch "ON". The system adjusts to the optimum volume and tone quality according to the noise level.

When the system is on, the sound adjustment level is displayed on the screen.

Positioning selector:

By selecting the listening position, the system controls the output timing of the speakers to allow sound to be heard evenly, creating the ideal music environment.

Touching "CHANGE" switches the position in the following order: all seats, driver's seat, front seat, rear seat.

The position currently selected is displayed on the screen.



You can adjust the audio sounds with the "AUDIO CONTROL" knob.

Each time you push the "AUDIO CONTROL" knob, the mode changes as in the following.

POS: Select one of the following listening seat positions.

- 1: Front seats priority mode
- 2: Rear seat priority mode
- 3: All seats mode
- 4: Driver seat priority mode

BAS: Adjusts low-pitched tones.

MID: Adjusts mid-pitched tones.

TRE: Adjusts high-pitched tones.

FAD: Adjusts the sound balance between the front and rear speakers.

BAL: Adjusts the sound balance between the right and left speakers.

ASL: Turns on or off the Automatic Sound Levelizer.

Push the "AUDIO CONTROL" knob until the desired mode. Turn the knob to suit your preference.

• Selecting screen size



Touching "WIDE" displayed on the screen in the video control mode will display the wide mode control screen.

"NORMAL": When a 3 \times 4 screen is displayed, the remaining parts

will be in black.

"WIDE 1": When a 3×4 screen is dis-

played, the screen will be widened horizontally to fill

the display.

"WIDE 2": When a 3 × 4 screen is dis-

played, the screen will be widened vertically and horizontally, in the same ratio, to

fill the display.

When a 9 × 16 screen is displayed, this mode should

be selected.

When you touch , the previous screen returns.

• Your cassette tape player

When you insert a cassette, the exposed tape should face to the right.

NOTICE

Never try to disassemble or oil any part of the cassette player. Do not insert anything other than cassette tapes into the slot.

• Your CD or DVD changer

Your CD or DVD changer can store up to 6 discs and play selected discs or continuously play all the discs load in the changer.

When you load discs into the changer, make sure their labels are face up. If not, "CD $\times\times$ Check" or "DISC \times Check" will appear on the screen.



NOTICE

- Do not stack up two discs for insertion, or it will cause damage to the changer. Insert only one disc into slot at a time.
- Never try to disassemble or oil any part of the changer. Do not insert anything other than discs into the slot.

The changer is intended for use with 12 cm (4.7 in.) discs only.

 Your DVD player (with rear seat entertainment system)

The sound of the rear seat entertainment system can be enjoyed by pushing the "DISC" button.

— Radio operation

Listening to the radio



Push these buttons to choose either an AM or FM station.

"AM", "FM1" or "FM2" appears on the screen.

If your vehicle is equipped with a satellite radio broadcast system, when you push the "AM-SAT" button, "AM", "SAT1", "SAT2", "SAT3" station appears on the display. For details about satellite radio broadcast, see "— Radio operation (XM satellite radio broadcast)" on page 179.



Turn the knob clockwise to step up the station band or counterclockwise to step down.

Your radio automatically changes to stereo reception when a stereo broadcast is received. "ST" appears on the screen. If the signal becomes weak, the radio reduces the amount of channel separation to prevent the weak signal from creating noise. If the signal becomes extremely weak, the radio switches from stereo to mono reception. In this case, "ST" disappears from the screen.

Presetting a station





- 1. Tune in the desired station.
- Touch one of the channel selector touch-screen buttons (1 6) or push one of the channel selector buttons (1 6) you want and hold it until a beep is heard.

This sets the station to the button and the frequency appears on the touch-screen button.

Each radio mode can store up to 6 stations. To change the preset station to a different one, follow the same procedure.

The preset station memory is cancelled when the power source is interrupted by battery disconnection or a blown fuse.

• Selecting a station

Tune in the desired station using one of the following methods.

Preset tuning: Touch the channel selector touch-screen button (1-6) or push the channel selector button (1-6) for the station you want. The touch-screen button is highlighted and the station frequency appears on the screen.

Seek tuning: Push the "∧" or "∨" button of "SEEK-TRACK". The radio will begin seeking up or down for a station of the nearest frequency and will stop on reception. Each time you push the button, the stations will be searched automatically one after another.

To scan all the frequencies: Touch "SCAN" on the screen or push the "SCAN" button briefly. "SCAN" appears on the screen. The radio will find the next station and stay there for a few seconds, and then scan again. To select a station, touch "SCAN" or push the "SCAN" button again.

To scan the preset stations: Touch "SCAN" on the screen or push the "SCAN" button for longer than approximately a second. "P-SCAN" appears on the screen. The radio will tune in the next preset station, stay there for a few seconds, and then move to the next preset station. To select a station, touch "SCAN" or push the "SCAN" button again.

RDS (Radio Data System)

Your audio system is equipped with Radio Data Systems (RDS). RDS mode allows you to receive text messages from radio stations that utilize RDS transmitters.

When RDS is on, the radio can
— select only stations of a particular program type,

display messages from radio stations,search for a stronger signal station.

RDS features are available for use only on FM stations which broadcast RDS information.

If the system receives no RDS stations, "NO PTY" appears on the display.



"TYPE **◀** ▶"

Each time you touch "TYPE ◀" or "TYPE ▶", the program type changes as follows:

- ROCK
- EASY LIS (Easy listening)
- CLS/JAZZ (Classical music and Jazz)
- R & B (Rhythm and Blues)
- INFORM (Information)
- RELIGION
- MISC (Miscellaneous)
- ALERT (Emergency message)



"TYPE SEEK"

When a program is set, "TYPE SEEK" appears. Touch this button and the system starts to seek the station in the relevant program type.

If any type program station is not found, "NOTHING" appears on the display.



You can select a station with the "TYPE-DISC" button.

Each time you push the "△" or "▽" button of "TYPE-DISC", the program type changes as in the following:

- ROCK
- EASY LIS (Easy listening)
- CLS/JAZZ (Classical music and jazz)
- R&B (Rhythm and Blues)
- INFORM (Information)
- RELIGION
- MISC (Miscellaneous)
- ALERT (Emergency message)

Push the "SEEK-TRACK" or "SCAN" button with the program type shown on the audio display and the radio seeks or scans the station in the relevant program type.



"MSG" (MESSAGE)

If the system receives a radio text from an RDS station, "MSG" appears on the display. Touch "MSG", and a text message is displayed on the screen. This function is available only when the vehicle is not moving.

When you touch "**MSG OFF**", the display returns.



Radio text message on the audio display:

If the radio receives a radio text from RDS station, "MSG" appears on the audio display. Push the "**TEXT**" button, and a text message is displayed.

If the entire message is not displayed, will appear on the display. To display the rest of the message, push and hold the "TEXT" button until you hear a beep.

After the entire message has been displayed, the message will disappear.

When the system can show the station name, "RDS" appears on the audio display. Each time you push the "TEXT" button, indication on the audio display changes form the band to the station name, a radio text in this order. After 6 seconds passes, indication returns to the band.

Traffic announcement



"TRAF"

The tuner automatically seeks a station that regularly broadcasts traffic information.

When you touch "TRAF" or push the "TRAF" button, "TRAF SEEK" appears on the display, and the radio will start seeking any station broadcasting traffic program information.

If no traffic program station is found, "NOTHING" appears on the display.

Traffic information may not be broad-casted when searching.

If a traffic program station is found, the name for traffic program station is displayed and "TRAF" is lit for a while until a traffic announcement is received.

Radio operation (XM satellite radio broadcast)

To listen to a satellite radio broadcast in your vehicle, an additional genuine Lexus satellite receiver and antenna must be purchased and installed, and the subscription to the XM satellite radio is necessary.

How to subscribe to an XM satellite radio

An XM satellite radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous states.

How to subscribe: You must enter into a separate service agreement with the XM radio in order to receive satellite broadcast programming in the vehicle. Additional activation and service subscription fees apply that are not included in the purchase price of the vehicle and optional digital satellite tuner. For complete information on subscription rates and terms, or to subscribe to the XM radio, visit XM on the web at www.xmradio.com or call an XM's Listener Care at (800) 852-9696. The XM radio is solely responsible for the quality, availability and content of the satellite radio services provided, which are subject to the terms and conditions of the XM radio customer service agreement.

Customers should have their radio ID ready; the radio ID can be found by selecting "channel 000" on the radio. For details, see the "Displaying the radio ID" that follows

All fees and programming are the responsibility of the XM satellite radio and are subject to change.

Satellite tuner technology notice: Toyota's satellite radio tuners are awarded Type Approval Certificates from XM Satellite Radio Inc. as proof of compatibility with the services offered by the XM satellite radio.

Displaying the radio ID

Each XM tuner is identified with a unique radio ID. You will need the radio ID when activating XM service or when reporting a problem.

If you select the "CH 000" using the "TUNE" knob, the ID code of 8 alphanumeric characters appears. If you select another channel, display of the ID code is canceled. The channel (000) alternates the display between the radio ID and the specific radio ID code.

• Listening to satellite radio



Push the "AM-SAT" button to choose either an AM station or an SAT channel. Besides "AM", "SAT1", "SAT2" or "SAT3" appears on the display.



Turn this knob to select the next or previous channel.

If you turn continuously, you can rapidly scroll forward or down through the channels.

Channel category





Touch either "TYPE◀" or "TYPE▶" or push the "∧" or "∨" button of "TYPE-DISC" to go to the next or previous category.

• Presetting a channel

1. Tune in the desired channel.





Touch one of the channel selector touch-screen buttons (1 — 6) or push one of the channel selector buttons (1 — 6) and hold it until a beep is heard.

This sets the channel to the button and the name and number of the channel appears on the touch-screen button.

Each SAT mode can store up to 6 stations. To change the preset channel to a different one, follow the same procedure.

The preset channel memory is cancelled when the power source is interrupted by battery disconnection or a blown fuse.

Selecting a channel

Tune in the desired channel using one of the following methods.

Preset tuning: Touch the channel selector touch-screen button (1-6) or push the channel selector button (1-6) for the channel you want. The touch-screen button (1-6) is highlighted and channel number appears on the display.

To select channel within the current category: Push the "∧" or "∨" button of "SEEK-TRACK".

The radio will step up or down the channel within the current channel category. Touch "TYPE SEEK". The radio will step up the channel within the current channel category.



To scan the currently selected channel category: Touch "TYPE SCAN" or push the "SCAN" button briefly. "SCAN" appears on the display. The radio will find the next channel in the same channel category, stay there for a few seconds, and then scan again. To select a channel, touch "TYPE SCAN" or push the "SCAN" button a second time.

To scan the preset channels: Push the "SCAN" button and hold it until you hear a beep. "P.SCAN" appears on the display. The radio will find the next preset channel, stay there for a few seconds, and then move to the next preset channel. To select a channel, push the "SCAN" button a second time.



• Displaying the title and name

When you touch "TEXT", the song/program title and the artist name/feature are displayed.

Up to 10 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

When you touch "TEXT" again, the display returns.

If there is no song/program title or artist name/feature associated with the channel at that time, "- - - -" will appear on the display.



Title and name on the audio display

When you push the "TEXT" button, the display changes as follows:

CH NAME \rightarrow TITLE (SONG/PROGRAM TITLE) \rightarrow NAME (ARTIST NAME/FEATURE) \rightarrow CH NUMBER \rightarrow CH NAME

Up to 10 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

If there is no song/program title or artist name/feature associated with the channel at that time, "- - - - " will appear on the display.

• If the satellite radio tuner malfunctions

When problems occur with the XM tuner, a message will appear on the display. Referring to the table below to identify the problem, take the suggested corrective action.

ANTENNA	The XM antenna is not connected. Check whether the XM antenna cable is attached securely.
	A short circuit occurs in the antenna or the surrounding antenna cable. See a Lexus certified dealer for assistance.
UPDATING	You have not subscribed to the XM satellite radio. The radio is being updated with the latest encryption code. Contact the XM satellite radio for subscription information. When a contract is canceled, you can choose the "CH000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel. If you want to listen to the premium channel, contact the XM satellite radio.
NO SIGNAL	The XM signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
LOADING	The unit is acquiring audio or program information. Wait until the unit has received the information.
OFF AIR	The channel you selected is not broadcasting any programming. Select another channel.
	There is no song/program title or artist name/feature associated with the channel at that time. No action needed.
	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel.

The XM Listener Care Center is also available on the phone, please call (800) 852-9696 during the following hours:

Monday — Saturday: 7 a.m. — 1 a.m. Sunday: 12 p.m. — 12 a.m. (EST)

NOTICE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Information to user

Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

INFORMATION

This XM tuner supports "Audio Services" (Music and Talk) of only XM satellite radio and "Text Information"* linked to the respective "Audio Services".

*Text Information includes, Station Name, (Artist) Name, (Song) Title and Category Name.

Cassette tape player operation

Playing a cassette tape



When you insert a cassette tape, the exposed tape should face to the right.

The player will automatically start when you insert a cassette tape. At this time, "TAPE" appears on the display.

If a metal or chrome equivalent cassette tape is put in the cassette player, the player will automatically recognize it and "MTL" appears on the display.

To stop or eject the cassette tape, push the \triangle button.





If a cassette is already in the slot, push the "TAPE" button.

Dolby® Noise Reduction* feature: If you are listening to a tape that was recorded with Dolby® B Noise Reduction, touch "□□" or push the "□□" button. The "□□" touch-screen button will be highlighted. Touch "□□" or push the "□□" button again to turn off Dolby® B NR.

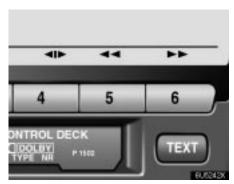
The Dolby NR mode reduces tape noise by about 10 dB. For best sound reproduction, play your tapes with these buttons on or off according to the mode used for recording the tape.

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

• Manual program selection



Auto-reverse feature: After the cassette player reaches the end of a tape, it automatically reverses and begins to play the other side, regardless of whether the cassette was playing or fast forwarding.



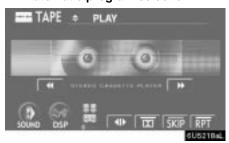
Reverse button: You can reverse the tape by touching ◀I▶ or pushing the ◀I▶ button. The display will show the opposite direction after reversing the tape. Also if the tape reaches the end of one side, it is automatically reversed to the other side.

Fast forward and Rewind buttons: You can fast forward or fast rewind by touching ◀◀ or ▶▶ or pushing the ◀◀ or ▶▶ button.

To stop the tape while it is fast forwarding, touch ▶▶ or push the ▶▶ button, to stop the tape while it is rewinding, touch ◀◀ or push the ◀◀ button.

If a tape rewinds completely, the cassette player will stop and then play the same side. If a tape fast forwards completely, the cassette player will play the other side of the tape using the auto-reverse feature.

• Automatic program selection





"RPT": The repeat feature automatically replays the current program.

Touch "RPT" on the screen or push the "RPT" button while the program is playing. When the program ends, it will automatically be rewound and replayed. Touch these buttons again to turn off the repeat feature.

There must be at least 3 seconds of blank space between programs for the repeat feature to work correctly.

"SKIP": The skip feature allows you to fast forward past long stretches of blank tape. This is especially useful at the end of cassettes.

Touch "**SKIP**" on the screen. The player will automatically skip any blank portions of 15 seconds or more and play the next program. To cancel it, touch the button once again.



"Automatic program selection" button:

The automatic program selection feature allows you to program your cassette player to skip forward or backward to locate the song you want to hear. You can skip up to 9 programs at a time.

Push this button on the "\(^n\)" side to skip forward. "FF" and the number will appear on the screen. Push the button until the number you want to skip appears on the screen. After that, the player will automatically skip forward.

When the end of the tape is reached, the player automatically reverses sides and resumes normal play.

Push this button on the "V" side to skip backward. Push the button until "REW" and the number you want to skip appear on the screen.

- If you set "REW 1", the player will rewind to the beginning of the current program.
- When counting the number of programs you want to rewind, remember to count the current program as well.
 For example, if you want to rewind to a song that is two before the song you are listening to, push this button until "REW 3" appears on the screen.

When the beginning of the tape is reached, the player automatically resumes normal play.

There must be at least 3 seconds of blank space between programs for this feature to work correctly.

"RPT", "SKIP" or "Automatic program selection" features: These features may not work well with some spoken word, live or classical recordings.

— CD changer operation

The CD changer can play audio CDs, CD text, WMA discs, MP3 discs.

- Audio CD, CD text 194
- MP3/WMA disc 198

For appropriate discs for this changer, see "Audio/video system operating hints" on page 251.

(a) Inserting or ejecting discs

The ignition switch must be in the "ACC" or "ON" position.

Your CD changer can store up to 6 discs.

Setting a single disc:



1. Push the "LOAD" button briefly.

The amber indicators at both ends of the slot start blinking. After the amber indicators change to green and stay on, the CD changer door will open.



2. Insert only one disc while the CD changer door is open.

You can set a disc at the lowest empty disc number.

After insertion, the set disc is automatically loaded.

If the label faces down, the disc cannot be played. In this case, "CD $\times\times$ Check" appears on the screen.

If you do not insert the disc within 15 seconds after pushing the "LOAD" button, the beep will sound and the operation will be canceled automatically.

If you need to insert the next disc, repeat the same procedure to insert another disc.

Setting all the discs:



1. Push the "LOAD" button until you hear a beep.

The amber indicators at both ends of the slot start blinking. After the amber indicators change to green and stay on, the CD changer door will open.



2. Insert only one disc while the CD changer door is open.

The CD changer door closes and the amber indicators start blinking.

- 3. Insert the next disc after the amber indicators change to green and stay on and the CD changer door opens.
- 4. Repeat this procedure until you insert all the discs.

To cancel the operation, push the "LOAD" or "DISC" button.

If you do not insert the discs within 15 seconds after pushing the "LOAD" button, the beep will sound and the operation will be canceled automatically.

NOTICE

Do not insert one disc stacked on top of another one or feed them in continuously, to prevent discs from getting stuck in the changer.

• Ejecting a single alone:





1. Push the "∧" or "∨" button of "TYPE-DISC" or touch the disc number button on the screen to highlight the disc number you want to eject.



2. Push the **b** button for the disc briefly.

At this time, the amber indicators of the slot start blinking and the disc is ejected.

3. After the blinking indicators stay on, remove the disc.

• Ejecting all the discs:



1. Push the <u>has</u> button for the disc until you hear a beep.

At this time, the amber indicators of the slot start blinking and a disc is ejected.

2. After the blinking indicators stay on, remove the disc.

The indicators start blinking again and the next disc is ejected.

To cancel the operation, push the "LOAD" or "DISC" button.

If you do not remove the disc within 15 seconds after it is ejected, the beep will sound and the operation will be canceled automatically.

When all the discs are removed, the indicators go out.



The numbers of the trays where the disc is not set are dimmed.

(b) Playing a disc



Push the "DISC" button if the disc are already loaded in the CD changer.

The "CD CHANGER" screen will be displayed.

The discs set in the CD changer are played continuously, starting with the last disc you inserted. The disc number of the disc currently being played, the track or title number and the time from the beginning of the program are shown on the display.

When play of one disc ends, the first track of the following disc starts. When play of the final disc ends, play of the first disc starts again.

The changer will skip any empty disc trays. Vehicles with rear entertainment system

If the DVD player is turned on, push the "DISC" button again to switch to the changer.

If the rear seat entertainment system is on, pushing the "**DISC**" button switches the sound of the front audio system and that of the rear seat entertainment system.

(c) Selecting a desired disc





On the screen:

Touch the desired disc number.

The selected disc number is highlighted.

The changer will start playing the selected disc from the first track.

On the audio panel:

Push the " \wedge " or " \vee " button of "TYPE-DISC".

When you release the button, the changer will start playing the selected disc from the first track.

(d) Operating an audio CD

Playing an audio CD



Push the "AUDIO" button to display this screen.

CD text only — The disc title and track title will appear on the screen when pushing the "DISC" button.

You can operate the touch-screen buttons and choose the number of the disc you want to play. The selected disc is automatically played.

• Selecting a desired track



"SEEK-TRACK" button: Use for a direct access to a desired track.

Push the "\" or "\" button of "SEEK-TRACK" and repeat it until the desired track number appears on the screen. As you release the button, the changer will start playing the selected track from the beginning.

"TRACK LIST": The desired track can be selected from a list. This function is available only when the vehicle is not moving.

Touch "TRACK LIST". The track list is displayed.



Touch the desired track number. The changer will start playing the selected track from the beginning.

: By touching this button, the list moves up by 6 track groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 track groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

Fast forward: Push the "\Lambda" button of "SEEK-TRACK" and hold it to fast forward the disc. When you release the button, the changer will resume playing from that position.

Reverse: Push the "V" button of "SEEK-TRACK" and hold it to reverse the disc. When you release the button, the changer will resume playing.

Vehicles with rear entertainment system —

While the DVD player is in operation, the chapter or track can be changed by pushing either side of the "SEEK-TRACK" button.

Searching for a desired track or a disc

Searching for a desired track —

While the disc is playing, touch "SCAN" on the screen or push the "SCAN" button briefly.

"SCAN" appears on the screen. The changer will play the next track for 10 seconds, then scan again. To select a track, touch "SCAN" or push the "SCAN" button once again. If the changer reaches the end of the disc, it will continue scanning at track 1.

After all the tracks are scanned in one pass, normal play resumes.

Searching for a desired disc —

While the disc is playing, touch "SCAN" on the screen or push the "SCAN" button and hold it until the "D-SCAN" appears on the screen.

The program at the beginning of each audio disc will be played for 10 seconds. To continue listening to the program of your choice, touch "SCAN" or push the "SCAN" button once again.

After all the audio discs are scanned in one pass, normal play resumes.

Other functions





"RPT": Use it for automatic repeat of the track or disc you are currently listening to.

Repeating a track -

While the track is playing, touch "RPT" or push the "RPT" button briefly.

"RPT" appears on the screen. When the track is finished, the changer will automatically go back to the beginning of the track and play the track again. To cancel it, touch "RPT" or push the "RPT" button once again.

Repeating a disc —

While the disc is playing, touch "RPT" or push the "RPT" button and hold it until the "D-RPT" appears on the screen.

When the disc is finished, the changer will automatically go back to the beginning of the disc and play the disc again. To cancel it, touch "RPT" or push the "RPT" button once again.

"RAND": Use it for automatic and random selection.

Playing the tracks on one disc in random order —

While the disc is playing, touch "RAND" or push the "RAND" button briefly.

"RAND" appears on the screen. The system selects a track on the disc being listened to in random order. To cancel it, touch "RAND" or push the "RAND" button once again.

Playing the tracks on all the audio discs in random order —

While the disc is playing, touch "RAND" or push the "RAND" button and hold it until the "D-RAND" appears on the screen.

The system selects a track on all the audio discs in the changer in random order. To cancel it, touch "RAND" or push the "RAND" button once again.

If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 29 letters can be displayed.



CD text on the audio display -

When you push the "TEXT" button while the CD with CD text display function (the logo "CD TEXT" marked on the CD) is being played, the track number, elapsed time, CD title and then track title appear on the audio display.

When you push this button if the CD does not have a text display function, "NO TITLE" appears on the audio display.

The audio display can show up to 12 letters at once. If the CD title or music title is longer than 12 letters, hold down the button until you hear a beep. The letters after the 12th one are shown. However, 24 letters at maximum can be shown on the display.

When you push this button until you hear a beep or play no operation for about 6 seconds with the letters after the 13th one on the audio display, the audio display returns and shows the first 12 letters.

Even if the CD title or music title is longer than 24 letters, the audio display can show up to 24 letters.

The text details that appears on the audio display may differ from details on the screen.

(e) Operating a MP3/WMA disc

Playing a MP3/WMA disc



Push the "AUDIO" button and touch a MP3/WMA disc number to display this screen.

You can operate the touch-screen buttons and choose the number of the disc you want to play. The selected disc is automatically played.

Selecting a desired folder





"FOLDER \blacktriangle ": Touch "FOLDER \blacktriangle " or push the "FOLDER \land " button to go to the next folder.

"FOLDER♥": Touch "FOLDER♥" or push the "∀FOLDER" button briefly to go to the previous folder. To jump up to the first folder, push the "∀FOLDER" button and hold it until the beep sounds.

"FOLDER LIST": The desired folder can be selected in a list. This function is available only when the vehicle is not moving. Touch "FOLDER LIST". The folder list is displayed.



Touch the desired folder number. The changer will start playing the first file of the selected folder.

: By touching this button, the list moves up by 6 folder groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 folder groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FILE": The file list is displayed.

"**DETAIL**": Details of the file currently playing is displayed. This function is available only when the vehicle is not moving.

• Selecting a desired file



"SEEK-TRACK" button: Use for direct access to a desired file.

Push the "\" or "\" button of "SEEK-TRACK" and repeat it until the desired file number appears on the display. As you release the button, the changer will start playing the selected file from the beginning. When "RAND" or "FLD-RPT" is on, the file number within the folder you are currently being listened to appears.

Fast forward: Push the "A" button of "SEEK-TRACK" and hold it to fast forward the disc. When you release the button, the changer will resume playing from that position.

Reverse: Push the "V" button of "SEEK-TRACK" and hold it to reverse the disc. When you release the button, the changer will resume playing.



"TUNE-FILE" knob: Use for direct access to a desired file in the disc.

Turn the "TUNE-FILE" knob to step up or down all the files in the disc you are currently listening to. The file number appears on the display. When "RAND" or "FLD-RPT" is on, all the files in the folder you are currently being listened to can be stepped up or down.



"FILE": The desired file can be selected in a list. This function is available only when the vehicle is not moving.

Touch "FILE". The file list is displayed.



Touch the desired file number. The changer will start playing the selected file from the beginning.

: By touching this button, the list moves up by 6 file groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 file groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FOLDER": The folder list is displayed.

"**DETAIL**": Details of the file currently playing is displayed. This function is available only when the vehicle is not moving.

• Searching for a desired file



While the disc is playing, touch "SCAN" on the screen or push the "SCAN" button briefly.

"SCAN" appears on the screen. The changer will play the next file in the folder for 10 seconds, then scan again. To select a file, touch "SCAN" on the screen or push the "SCAN" button once again. If the changer reaches the end of the folder, it will continue scanning from file 1.

After all the files are scanned in one pass, normal play resumes.

• Searching for a desired folder



While the disc is playing, touch "SCAN" on the screen or push the "SCAN" button and hold it until the "FLD-SCAN" appears on the screen.

The program at the beginning of each folder will be played for 10 seconds. To continue listening to the program of your choice, touch "SCAN" on the screen or push the "SCAN" button once again.

After all the folders are scanned in one pass, normal play resumes.

Other functions





"RPT": Use it for automatic repeat of the file or folder you are currently listening to.

Repeating a file -

While the file is playing, touch "RPT" or push the "RPT" button briefly.

"RPT" appears on the screen. When the file is finished, the changer will automatically go back to the beginning of the file and play the file again. To cancel it, touch "RPT" or push the "RPT" button once again.

Repeating a folder —

While the folder is playing, touch "RPT" or push the "RPT" button and hold it until the "FLD-RPT" appears on the screen.

When the folder is finished, the changer will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch "RPT" or push the "RPT" button once again.

"RAND": Use it for automatic and random selection of the folder or the disc which you are currently listening to.

Playing the files in one folder in random order —

While the disc is playing, touch "RAND" or push the "RAND" button briefly.

"RAND" appears on the screen. The system selects a file in the folder you are currently listening to. To cancel it, touch "RAND" or push the "RAND" button once again.

Playing the files in all the folders on one disc in random order —

While the disc is playing, touch "RAND" or push the "RAND" button and hold it until the "FLD-RAND" appears on the screen.

The system selects a file in all the folders. To cancel it, touch "RAND" or push the "RAND" button once again.

When a file is skipped or the system is inoperative, touch "RAND" or push the "RAND" button to reset.

If a MP3/WMA disc with text data is inserted, the title of the folder and file will be displayed. Up to 29 letters can be displayed.



Title and name on the audio display

This button is used to change the audio display for the MP3/WMA file that contains text data.

To change the audio display, quickly push and release the "TEXT" button while the MP3/WMA file is playing. The audio display changes in the order from the elapsed time to folder name to file name to album title (MP3 file only) to track title to artist name, then back to the elapsed time.

If this button is pushed while an MP3/WMA file that does not contain text data is playing, "NO TITLE" will appear on the audio display.

If the entire text data is not displayed, push and hold it until you hear a beep. The rest of the text data will appear.

The text details that appears on the audio display may differ from details on the screen.

(f) If the changer malfunctions

If the changer or another unit equipped with the changer malfunctions, your audio system will display following messages.

If "No CD" appears on the display: It indicates that there is no disc in the CD changer.

If "CD $\times\times$ Check" appears on the display: It indicates that the disc dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, "CD $\times\times$ Check" will also appear on the screen. For appropriate discs for this player, see "Audio/video system operating hints" on page 251.

If "CD Error" appears on the display: The following causes are possible.

- There is a trouble inside the system. Eject the disc.
- The inside of the changer unit may be too hot due to the very high ambient temperature. Eject the disc and allow the changer to cool down.

If "NO MUSIC FILE" appears on the display: It indicates that the disc has no playable data.

If the malfunction is not rectified: Take your vehicle to your dealer.

If an MP3/WMA disc contains CD-DA files, only CD-DA files are played. If an MP3/WMA disc contains files other than CD-DA, only MP3/WMA files are played.

DVD changer operation

The DVD changer can play audio CDs, video CDs, CD text, WMA discs, MP3 discs, DVD video discs and DVD audio discs.

•	Audio CD, CD text	194
•	MP3/WMA disc	198
•	DVD video, DVD audio	209
•	Video CD	221

For appropriate discs for this changer, see "Audio/video system operating hints" on page 251.

For safety reasons, you can enjoy DVD video discs, DVD audio discs and video CDs only when the vehicle is completely stopped with the ignition switch is in the "ACC" or "ON" position and the parking brake applied. While you are driving, you can hear audio alone even in the DVD video, DVD audio or video CD mode.

(a) Inserting or ejecting discs

The ignition switch must be in the "ACC" or "ON" position.

Your DVD changer can store up to 6 discs.

Setting a single disc:



1. Push the "LOAD" button briefly.

The amber indicators at both ends of the slot start blinking. After the amber indicators change to green and stay on, the DVD changer door will open.



2. Insert only one disc while the DVD changer door is open.

You can set a disc at the lowest empty disc number.

After insertion, the set disc is automatically loaded.

If the label faces down, the disc cannot be played. In this case, "DISC \times Check" appears on the screen.

If you do not insert the disc within 15 seconds after pushing the "LOAD" button, the beep will sound and the operation will be canceled automatically.

If you need to insert the next disc, repeat the same procedure to insert another disc.

• Setting all the discs:



1. Push the "LOAD" button until you hear a beep.

The amber indicators at both ends of the slot start blinking. After the amber indicators change to green and stay on, the DVD changer door will open.



2. Insert only one disc while the DVD changer door is open.

The DVD changer door closes and the amber indicators start blinking.

- 3. Insert the next disc after the amber indicators change to green and stay on and the DVD changer door opens.
- 4. Repeat this procedure until you insert all the discs.

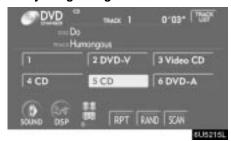
To cancel the operation, push the "LOAD" or "DISC" button.

If you do not insert the discs within 15 seconds after pushing the "LOAD" button, the beep will sound and the operation will be canceled automatically.

NOTICE

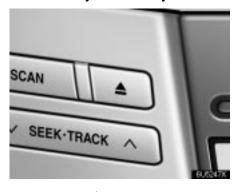
Do not insert one disc stacked on top of another one or feed them in continuously, to prevent discs from getting stuck in the changer.

• Ejecting a single alone:





1. Push the "∧" or "∨" button of "TYPE-DISC" or touch the disc number button on the screen to highlight the disc number you want to eject.



2. Push the **b** button for the disc briefly.

At this time, the amber indicators of the slot start blinking and the disc is ejected.

3. After the blinking indicators stay on, remove the disc.

• Ejecting all the discs:



1. Push the <u>hands</u> button for the disc until you hear a beep.

At this time, the amber indicators of the slot start blinking and a disc is ejected.

2. After the blinking indicators stay on, remove the disc.

The indicators start blinking again and the next disc is ejected.

To cancel the operation, push the "LOAD" or "DISC" button.

If you do not remove the disc within 15 seconds after it is ejected, the beep will sound and the operation will be canceled automatically.

When all the discs are removed, the indicators go out.



The numbers of the trays where the disc is not set are dimmed.

(b) Playing a disc



Push the "DISC" button if the disc are already loaded in the DVD changer.

The "DVD CHANGER" screen will be displayed.

The discs set in the DVD changer are played continuously, starting with the last disc you inserted. The disc number of the disc currently being played, the track or title and chapter number and the time from the beginning of the program are shown on the display.

Audio disc and MP3/WMA disc only —

When play of one disc ends, the first track of the following disc starts. When play of the final disc ends, play of the first disc starts again.

The changer will skip any empty disc trays. Vehicles with rear entertainment system —

If the DVD player is turned on, push the "DISC" button again to switch to the changer.

If the rear seat entertainment system is on, pushing the "**DISC**" button switches the sound of the front audio system and that of the rear seat entertainment system.

(c) Selecting a desired disc





On the screen:

Touch the desired disc number.

The selected disc number is highlighted.

The changer will start playing the selected disc from the first track.

On the audio panel:

Push the " \wedge " or " \vee " button of "TYPE-DISC".

When you release the button, the changer will start playing the selected disc from the first track.

(d) Operating a DVD disc

NOTE: The playback condition of some DVD discs may be determined by a DVD software producer. This DVD changer plays a disc as the software producer intended. So some functions may not work properly. Be sure to read the instruction manual for the DVD disc separately provided. For the detailed information about DVD video discs, see "(g) DVD player and DVD video disc information" on page 224.

• Precautions on DVD video disc

When recording with a DVD video, DVD audio or video CD, audio tracks may not record in some cases while the menu is displayed. As audio will not play in this case, verify that the video tracks are playing and then activate playback.

When playback of a disc is completed:

- If an audio CD or MP3/WMA disc is playing, the first track or file starts.
- If a DVD video, DVD audio or video CD is playing, playback will stop or the menu screen will be displayed.

The title/chapter number and playback time display may not appear while playing back certain DVD video discs.

♠ CAUTION

Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.



This "DVD Hint!" screen appears when the video screen is first displayed after the ignition switch is in the "ACC" or "ON" position.

Touch "OK" when you read the message.

Playing a DVD disc



Push the "AUDIO" button to display this screen. You can operate the touch-screen buttons and choose the number of the disc you want to play. The selected disc is automatically played.

When you touch "WIDE", the screen mode can be changed.

If you touch "PICTURE" when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

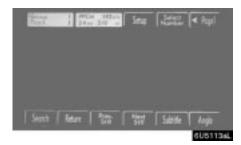
• Displaying DVD controls





▶ DVD video





▶ DVD audio

If you touch a part of the screen, where controls are not located while watching video, DVD controls will appear.

"> Page2": Touching this will display on the second page of DVD controls.

"< Page1": Touching this will display the top page of DVD controls.

"Hide Buttons": Touching this will turn off the controls from the screen.

If "S" appears on the screen when you touch a control, the operation relevant to the control is not permitted.

Description of DVD controls TOP PAGE OF DVD VIDEO CONTROLS

"Menu" and "Top Menu": If you touch either button, the menu screen for DVD video appears. (For the operation, see the manual that come with the DVD video disc provided separately.)

: The menu control key appears on the screen. (See page 212.)

: Touching this will pause the video screen.

: Touching this will fast reverse.

: Touching this will stop the DVD video disc.

: Touching this will resume normal play after stop or pause.

: Touch this button to fast forward during the playback. During pause, touch this button briefly to advance frame by frame, or touch and hold it to play slowly.

SECOND PAGE OF DVD VIDEO CONTROLS

"Setup": The initial setup screen appears. (See page 217.)

"Search": The title search screen appears. (See page 213.)

"Return": Touching this will display the predetermined scene and start playing from there.

"AUDIO": The audio changing screen appears. (See page 216.)

"Subtitle": The subtitle changing screen appears. (See page 215.)

"Angle": The angle selection screen appears. (See page 217.)

TOP PAGE OF DVD AUDIO CONTROLS • Selecting a menu item

"Top Menu": If you touch this button, the menu screen for DVD audio appears. (For operation, refer to the DVD audio disc manual that is provided separately.)

"AUDIO": The audio changing screen appears. (See page 216.)

: The menu control key appears on the screen. (See page 212.)

: Touch this button to pause the

: Touching this will fast reverse.

: Touching this will stop the disc.

: Touching this will resume normal play after stop or pause.

: Touch this button to fast forward during the playback. During pause, touch this button briefly to advance frame by frame, or touch and hold it to play slowly.

SECOND PAGE OF DVD AUDIO CONTROLS

"Setup": The initial setup screen appears. (See page 217.)

"Select Number": The track or number search screen appears. (See page 213.)

"Search": The group search screen appears. (See page 214.)

"Return": Touching this will display the predetermined scene and start playing

"Prev. Still": Touch this button to reverse the still pictures. (See page 215.)

"Next Still": Touch this button to forward the still pictures. (See page 215.)

"Subtitle": The subtitle changing screen appears. (See page 215.)

"Angle": The angle selection screen appears. (See page 217.)



Enter the menu item using \blacktriangle , \blacktriangleright , \blacktriangledown and ■ buttons and touch "Enter"

The changer starts playing video for that menu item. (For details, see the manual that comes with the DVD video disc provided separately.)

Each time you touch "Move Buttons", the controls on the screen move upward and downward.

When you touch "<<OFF", the controls will disappear. To display them again, touch ">>ON".

When you touch _____, the previous screen returns.

Searching by title



DVD video only —

Enter the title number and touch "Enter"

The player starts playing video for that title number.

When you push the "\" or "\" button of "SEEK-TRACK", you can select a chapter.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

When you touch , the previous screen returns.

Searching by track



DVD audio only —

Enter the track numbers on the searching track screen and touch "Enter".

The changer starts playing video for that title number.

You can select a track number by pushing the "∧" or "∨" button of "SEEK-TRACK".

If you enter the wrong numbers, touch "Clear" to delete the numbers.

Touch , and the previous screen returns.

• Searching by group



DVD audio only —

Enter the group number and touch "Enter".

The selected group number will appear on the screen.

The changer starts playing the disc from the entered group number.

When you push the " \land " or " \lor " button of "SEEK-TRACK", you can select a track.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

When you touch , the previous screen returns.

• Selecting the bonus group



DVD audio only —

Enter the bonus group number on the searching group screen and touch "Enter".

The "Enter Key Code" screen will appear. To enter the number of the group you want to play, push the group number.

If you enter the wrong number, touch ◀ to delete the number.

Touch "Enter" on the screen.

The changer starts playing the disc from the selected bonus group number.

• Changing the still picture



DVD audio only —

Touch "Prev. Still" or "Next Still" on the screen to forward or reverse the still pictures.

• Changing the subtitle language



Each time you touch "Subtitle", the language is selected from the ones stored in the discs and changed.

To turn off the subtitle, touch "Hide".

When you touch , the previous screen returns.

• Changing the audio language



DVD video only —

Each time you touch "AUDIO", the language is selected from the ones stored in the discs and changed.

When you touch , the previous screen returns.

• Changing the audio format



DVD audio only —

Each time you touch "AUDIO", another audio format stored on the disc is selected.

When you touch , the previous screen returns.

• Changing the angle

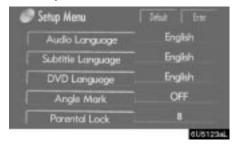


The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

Each time you touch "Angle", the angle changes.

When you touch , the previous screen returns.

• Setup menu



The initial setting can be changed.

After you change the initial setting, touch "Enter". The previous picture will be displayed.

When "**Default**" is touched, all menus are initialized.

AUDIO LANGUAGE

You can change the audio language.

- 1. Touch "Audio Language".
- 2. Touch the language you want to hear on the "Select Audio Language" screen.

If you cannot find the language you want to hear on this screen, touch "Other" and enter a language code. For the entry of language code, see page 219.

SUBTITLE LANGUAGE

You can change the subtitle language.

- 1. Touch "Subtitle Language".
- 2. Touch a language you want to read on the "Select Subtitle Language" screen.

If you cannot find the language you want to read on this screen, touch "Other" and enter a language code. For the entry of language code, see page 219.

To return to the "Setup Menu" screen, touch _____.

DVD LANGUAGE

You can change the language on the DVD video menu.

- 1. Touch "DVD Language".
- 2. Touch the language you want to read on the "DVD Language" screen.

If you cannot find the language you want to read on this screen, touch "Other" and enter a language code. For the entry of language code, see page 219.

To return to the "Setup Menu" screen, touch _____.

ANGLE MARK

The multi-angle mark can be turned on or off on the screen while the disc which is multi-angle compatible is being played.

Each time you touch "Angle Mark", the angle mark on the screen turns on or off alternately.

PARENTAL LOCK

The level of viewer restrictions can be changed.

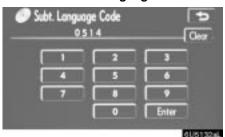
- 1. Touch "Parental Lock".
- 2. Enter the 4-digit personal code on the "Enter Personal Code" screen.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

- 10 touches of "Clear" will initialized the personal code.
- 3. Touch a parental level (1 8) on the "Restriction Level".

To return to the "Setup Menu" screen, touch _____.

• Enter subtitle language code



If you touch "Other" on the "Select Audio Language" screen, "Select Subtitle Language" screen or "DVD Language" screen, you can select the language you want to hear or read by entering a language code.

1. Enter the 4-digit language code.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

2. Touch "Enter".

Code	Language	
1001	Japanese	
0514	English	
0618	French	
0405	German	
0920	920 Italian	
0519	Spanish	
2608	Chinese	
1412	Dutch	
1620	Portuguese	
1922	Swedish	
1821 Russian		
1115	Korean	
0512	Greek	

0101	Afar
0102	Abkhazian
0106	Afrikaans
0113	Amharic
0118	Arabic
0119	Assamese
0125	Aymara
0126	Azerbaijani
0201	Bashkir
0205	Byelorussian
0207	Bulgarian
0208	Bihari
0209	Bislama
0214	Bengali
0215	Tibetan
0218	Breton
0301	Catalan
0315	Corsican
0319	Czach
0325	Welsh
0401	Danish
0426	Bhutani
0515	Esperanto
0520	Estonian
0521	Basque
0601	Persian
0609	Finnish
0610	Fiji
0615	Faroese
0625	Frisian
0701	Irish

0704	Scots-Gaelic	
0712	Galician	
0714	Guarani	
0721	Gujarati	
0801	Hausa	
0809	Hindi	
0818	Croatian	
0821	Hungarian	
0825	Armenian	
0901	Interlingua	
0905	Interlingue	
0911	Inupiak	
0914	Indonesian	
0919	Icelandic	
0923	Hebrew	
1009	Yiddish	
1023	Javanese	
1101	Georgian	
1111	Kazakh	
1112	Greenlandic	
1113	Cambodian	
1114	Kannada	
1119	Kashmiri	
1121	Kurdish	
1125	Kirghiz	
1201	Latin	
1214	Lingala	
1215	Laothian	
1220	Lithuanian	
1222	Latvian	
1307	Malagasy	

1309	Maori	
1311	Macedonian	
1312	Malayalam	
1314	Mongolian	
1315	Moldavian	
1318	Marathi	
1319	Malay	
1320	Maltese	
1325	Burmese	
1401	Nauru	
1405	Nepali	
1415	Norwegian	
1503	Occitan	
1513	(Afan)Oromo	
1518	Oriya	
1601	Panjabi	
1612	Polish	
1619	Pashto, Pushto	
1721	Quechua	
1813	Rhaeto-Romance	
1814	Kirundi	
1815	Romanian	
1823	Kinyarwanda	
1901	Sanskrit	
1904	Sindhi	
1907	Sangho	
1908	Serbo-Croatian	
1909	Sinhalese	
1911	Slovak	
1912	Slovenian	
1913	Samoan	

1914	Shona	
1915	Somali	
1917	Albanian	
1918	Serbian	
1919	Siswati	
1920	Sesotho	
1921	Sundanese	
1923	Swahili	
2001	Tamil	
2005	Telugu	
2007	Tajik	
2008	Thai	
2009	Tigrinya	
2011	Turkmen	
2012	Tagalog	
2014	Setswana	
2015	Tonga	
2018	Turkish	
2019	Tsonga	
2020	Tatar	
2023	Twi	
2111	Ukrainian	
2118	Urdu	
2126	Uzbek	
2209	Vietnamese	
2215	Volapük	
2315	Wolof	
2408	Xhosa	
2515	Yoruba	
2621	Zulu	

(e) Operating a video CD

Playing a video CD

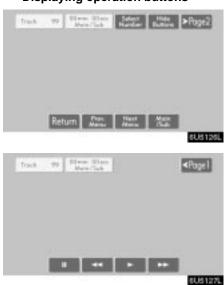


Push the "AUDIO" button to display this screen.

When you touch "WIDE", the screen mode can be changed.

It you touch "PICTURE" when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

• Displaying operation buttons



If you touch the part where touch-screen buttons are not located while you are watching video on the video CD, video CD operation buttons will appear.

- ">Page2": Use this button to display the operation buttons on the second page.
- "<Page1": Use this button to display the operation buttons on the top page.
- "Hide Buttons": Use this button to turn off the operation buttons from the display.
- If "S" appears on the display when you touch the button, the operation is not permitted.

Description of each button BUTTONS ON TOP PAGE

- "Select Number": The track or number search screen appears. (See page 223.)
- "Return": Touching this will display the predetermined scene and start playing from there.
- "Prev. Menu": When you touch this button while the disc menu is displayed, the previous page appears on the screen. If you touch this button while the changer is playing video, the previous track is searched and played.
- "Next Menu": When you touch this button while the disc menu is displayed, the next page appears on the display. If you touch this button while the changer is playing video, the next track is searched and played.
- "Main/Sub": A multiplex transmission changing button. The mode changes from Main/Sub to Main, to Sub and back to Main/Sub by touching this button.

BUTTONS ON SECOND PAGE

- : Use this button to pause the video screen.
- : Touch this button to fast reverse during playback.
- : Touch this button during pause to resume playing.
- : Touch this button to fast forward during the playback. During pause, touch this button briefly to advance frame by frame, or touch and hold it to play slowly.

Searching by track



Enter the track numbers on the searching track screen and touch "Enter".

The changer starts playing video for that title number.

You can select a track number by pushing the "∧" or "∨" button of "SEEK-TRACK".

If you enter the wrong numbers, touch "Clear" to delete the numbers.

Touch , and the previous screen returns.

(f) If the changer malfunctions

If the changer or another unit equipped with the changer malfunction, your audio/video system will display following messages.

If "No Disc" appears on the display: It indicates that there is no disc in the DVD changer.

If "DISC \times Check" appears on the display: It indicates that the disc dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, "DISC \times Check" will also appear on the screen. For appropriate discs for this player, see "Audio/video system operating hints" on page 251.

If "Region Code Error" appears on the display: It indicates that the DVD region code is not set properly.

If "DVD Error" appears on the display: The following causes are possible.

- There is a trouble inside the system.
 Eject the disc.
- The inside of the changer unit may be too hot due to the very high ambient temperature. Eject the disc and allow the changer to cool down.

If "NO MUSIC FILE" appears on the display: It indicates that the disc has no playable data.

If the malfunction is not rectified: Take your vehicle to your dealer.

If an MP3/WMA disc contains CD-DA files, only CD-DA files are played. If an MP3/WMA disc contains files other than CD-DA, only MP3/WMA files are played.

(g) DVD player and DVD video disc in- Marks shown on DVD video discs: formation

DVD video discs

This DVD player conforms to NTSC color TV formats.

Region codes: Some DVD video discs have a region code indicating a country where you can use the DVD video disc on this DVD player. If the DVD video disc is not labeled as "ALL" or "1", you cannot use it on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, "REGION CODE ERROR" appears on the screen. Even if the DVD video disc does not have a region code, there is a case that you cannot use it.

NTSC	Indicates NTSC format of color TV.
2))	Indicates the number of audio tracks.
2	Indicates the number of language subtitles.
	Indicates the number of angles.
16:9 LB 4:3	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
	Indicates a region code by which this video disc can be played. ALL: in all countries Number: region code

DVD video disc glossary

DVD video discs: Digital versatile Disc that holds video. DVD video discs have adopted "MPEG2", one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoded technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help you enjoy the more advanced technology of DVD video.

Viewer restrictions: This feature limits what can be viewed in conformity with a level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

Level 1: DVD video discs for children can be played.

Level 2 - 7: DVD video discs for children and G-rated movie can be played.

Level 8: All types of the DVD video discs can be played.

Multi-angle feature: You can enjoy the same scene at different angles.

Multi-language feature: You can select a language of the subtitle and audio.

Region codes: The region codes are provided on DVD players and DVD discs. If the DVD video disc does not have the same region code as the DVD player, you cannot play the disc on the DVD player. For region codes, see page 224.

Audio: This DVD player can play liner PCM, Dolby digital, DTS and MPEG audio format DVD. Other decoded type cannot be played.

Title and chapter: Video and audio programs stored in DVD video disc are divided in parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one piece of movie, one album, or one audio program is assigned as a title.

Chapter: The unit smaller than that of title. A title comprises plural chapters.

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"DTS" is a trademark of Digital Theater Systems. Inc.

—DVD player operation

The DVD player can play DVD video, audio CD, video CD, CD text, dts-CD or MP3 disc only when a disc is loaded in the DVD player. A WMA disc cannot be played.

Refer to "Rear seat entertainment system" for details.

For appropriate discs for this player, see "Audio/video system operating hints" on page 251.

(a) Inserting the disc



Insert the disc into the slot with the label side up.

An adapter must be used for 8 cm (3 in.) discs which are loaded in the same manner as for 12 cm (4.7 in.) discs.



The indicator light turns on while the disc is loaded.

If the label faces forward, the disc cannot be played. In this case, "DISC CHECK" appears on the screen.

If a disc which is not playable is inserted, "DISC CHECK" will also appear on the screen. For appropriate discs for this player, see "Audio/video system operating hints" on page 251.

NOTICE

Never try to disassemble or oil any part of the DVD player. Do not insert anything other than a disc into the slot.

(b) Ejecting a disc



Push the \triangle button.

(c) Playing a disc



Push the "DISC" button if a disc is already loaded in the player.

"DVD" appears on the screen. (If the CD changer or DVD changer is turned on, push the "**DISC**" button again to switch to the DVD player.)

(d) Operating an audio CD

Playing an audio CD



CD text only — The disc title and track title will appear on the screen when pushing the "**DISC**" button.

Push the "AUDIO" button to display this screen.

Selecting a desired track



"SEEK-TRACK" button: Use for direct access to a desired track.

Push either side of "SEEK-TRACK" and repeat it until the desired track number appears on the display. As you release the button, the player will start playing the selected track from the beginning.

"TRACK LIST": The desired track can be selected from a list. This function is available only when the vehicle is not moving.

Touch "TRACK LIST". The track list is displayed.



Touch the desired track number. The player will start playing the selected track from the beginning.

: By touching this touch-screen button, the list moves up by 6 track groups. If this touch-screen button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this touch-screen button, the list moves down by 6 track groups. If this touch-screen button is touched when the last page of the list is displayed, the top page is displayed.

Fast forward: Touch "∧" side of "SEEK-TRACK" and hold it to fast forward the disc. When you release the button, the player will resume playing from that position.

Reverse: Touch "V" side of "**SEEK-TRACK**" and hold it to reverse the disc. When you release the button, the player will resume playing.

Searching for a desired track



Touch "SCAN" on the screen or push the "SCAN" button.

"SCAN" will be highlighted on the screen. The player will play the next track for 10 seconds, then scan again. To select a track, touch "SCAN" on the screen or push the "SCAN" button a second time. If the player reaches the end of the disc, it will continue scanning at track 1.

After all the tracks are scanned in one pass, normal play resumes.

Other functions





"RPT": Use it for automatic repeat of the track you are currently listening to.

Touch "RPT" or push the "RPT" button while the track is playing.

When the track is finished, the player will automatically go back to the beginning of the track and play the track again. To cancel it, touch "RPT" or push the "RPT" button once again.

"RAND": Use it for automatic and random selection of the disc which you are currently listening to.

Touch "RAND" or push the "RAND" button.

The system selects a track in the disc you are currently listening to. To cancel it, touch "RAND" or push the "RAND" button once again.

If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 29 letters can be displayed.

(e) Operating a MP3 DISC

• Playing a MP3 DISC



Push the "AUDIO" button to display this screen.

• Selecting a desired folder





"FOLDER▲": Touch "FOLDER▲" or push the "FOLDER∧" button to go to the next folder.

"FOLDER♥": Touch "FOLDER♥" or push the "∨FOLDER" button briefly to go to the previous folder. To jump up to the first folder, touch "FOLDER♥" or push the "∨FOLDER" button and hold it until the beep sounds.

"FOLDER LIST": The desired folder can be selected in a list. This function is available only when the vehicle is not moving.

Touch "FOLDER LIST". The folder list is displayed.



Touch the desired folder number. The player will start playing the first file of the selected folder.

: By touching this touch-screen button, the list moves up by 6 folder groups. If this touch-screen button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this touch-screen button, the list moves down by 6 folder groups. If this touch-screen button is touched when the last page of the list is displayed, the top page is displayed.

"FILE": The file list is displayed.

"DETAIL": Details of the file currently playing is displayed. This function is available only when the vehicle is not moving.

• Selecting a desired file





"SEEK-TRACK" button: Use for direct access to a desired file.

Push either side of the "SEEK·TRACK" button and repeat it until the desired file number appears on the display. As you release the button, the player will start playing the selected file from the beginning.

Fast forward: Push "∧" side of the "SEEK·TRACK" button and hold it to fast forward the disc. When you release the button, the player will resume playing from that position.

Reverse: Push " \vee " side of the "SEEK·TRACK" button and hold it to reverse the disc. When you release the button, the player will resume playing.

"FILE": The desired file can be selected in a list. This function is available only when the vehicle is not moving.

Touch "FILE". The file list is displayed.



Touch the desired file number. The player will start playing the selected file from the beginning.

: By touching this touch-screen button, the list moves up by 6 file groups. If this touch-screen button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this touch-screen button, the list moves down by 6 file groups. If this touch-screen button is touched when the last page of the list is displayed, the top page is displayed.

"FOLDER": The folder list is displayed.

"DETAIL": Details of the file currently playing is displayed. This function is available only when the vehicle is not moving.

• Searching for a desired file



Touch "SCAN" on the screen or push the "SCAN" button briefly.

"SCAN" appears on the screen. The DVD player will play the next file in the folder for 10 seconds, then scan again. To select a file, touch "SCAN" on the screen or push the "SCAN" button a second time. If the player reaches the end of the folder, it will continue scanning from file 1.

After all the files are scanned in one pass, normal play resumes.

• Searching for a desired folder



Touch and hold "SCAN" on the screen or push the "SCAN" button until the beep sounds.

"FLD.SCAN" appears on the screen. The DVD player will play the file at the beginning of each folder for 10 seconds, then scan again. To select a file, touch "SCAN" on the screen or push the "SCAN" button a second time.

After all the folders are scanned in one pass, normal play resumes.

Other functions





"RPT": Use it for automatic repeat of the file or folder you are currently listening to.

Repeating a file -

Touch "RPT" or push the "RPT" button briefly while the file is playing.

"RPT" appears on the screen. When the file is finished, the player will automatically go back to the beginning of the file and play the file again. To cancel it, touch "RPT" or push the "RPT" button once again.

Repeating a folder —

Touch "RPT" or push the "RPT" button until the beep sounds while the folder is playing.

"FLD.RPT" appears on the screen. When the folder is finished, the player will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch "RPT" or push the "RPT" button once again.

"RAND": Use it for automatic and random selection of the folder which you are currently listening to or of all the folders.

Playing the files in one folder in random order —

Touch "RAND" or push the "RAND" button briefly.

"RAND" appears on the screen. The system selects a file in the folder you are currently listening to. To cancel it, touch "RAND" or push the "RAND" button once again.

Playing the files in all the folders in random order —

Touch "RAND" or push the "RAND" button and hold it until the beep sounds.

"FLD.RAND" appears on the screen. The system selects a file in the folders of all the trays which are set and plays it. To cancel it, touch "RAND" or push the "RAND" button once again.

When a file is skipped or the system is inoperative, touch "RAND" or push the "RAND" button to reset.

(f) Operating a DVD video disc

NOTE: The playback condition of some DVD video discs may be determined by a DVD video software producer. This DVD player plays a disc as the software producer intended. So some functions may not work properly. Be sure to read the instruction manual for the DVD video disc separately provided. For the detailed information about DVD video discs, see "(h) DVD player and DVD video disc information".

Precautions on DVD video disc

When recording with a DVD video or video CD, audio tracks may not record in some cases while the menu is displayed. As audio will not play in this case, verify that the video tracks are playing and then activate playback.

When playback of a disc is completed:

- If an audio CD or MP3 disc is playing, the first track or file starts.
- If a DVD video or video CD is playing, playback will stop or the menu screen will be displayed.

The title/chapter number and playback time display may not appear while playing back certain DVD video discs.

♠ CAUTION

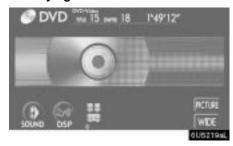
Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.



This "DVD Hint!" screen appears when the video screen is first displayed after the ignition switch is in the "ACC" or "ON" position.

Touch "OK" when you read the message.

Playing a DVD disc

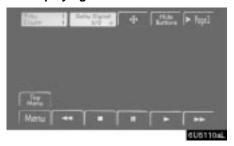


Push the "AUDIO" button to display this screen.

When you touch "WIDE", the screen mode can be changed.

It you touch "**PICTURE**" when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

• Displaying DVD controls





If you touch a part of the screen, where controls are not located while watching video, DVD controls will appear.

">Page2": Touching this will display on the second page of DVD controls.

"<Page1": Touching this will display the top page of DVD controls.

"Hide Buttons": Touching this will turn off the controls from the screen.

If "S" appears on the screen when you touch a control, the operation relevant to the control is not permitted.

Description of DVD controls TOP PAGE OF DVD VIDEO CONTROLS

"Menu" and "Top Menu": If you touch any of the above controls, the menu screen for DVD video appears. (For the operation, see the manual that come with the DVD video disc provided separately.)

: The menu control key appears on the screen. (See page 237.)

: Touching this will pause the video screen. When you touch this again, the video screen advances frame by frame.

◄: Touching this will fast reverse during playback.

■: Touching this will stop the video screen.

>: Touching this will pause during playback and resume normal play during pause or slow forward.

▶►: Touching this will fast forward during playback and forward slowly during pause.

SECOND PAGE OF DVD VIDEO CONTROLS

"Setup": The initial set up screen appears. (See page 240.)

"Search": The title search screen appears. (See page 238.)

"Return": Touching this will display the predetermined scene and start playing from there.

"AUDIO": The audio changing screen appears. (See page 239.)

"Subtitle": The subtitle changing screen appears. (See page 238.)

"Angle": The angle selection screen appears. (See page 239.)

Selecting a menu item



Enter the menu item using ▲, ▶, ▼ and ◀ and touch "Enter".

The player starts playing video for that menu item. (For details, see the manual that comes with the DVD video disc provided separately.)

Each time you touch "Move Buttons", the controls on the screen move upward and downward.

When you touch "<<**OFF**", the controls will disappear. To display them again, touch ">>**ON**".

When you touch , the previous screen returns.

Searching by title



Enter the title number and touch "Enter".

The player starts playing video for that title number.

When you push either side of the "SEEK-TRACK" button, you can select a chapter.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

When you touch , the previous screen returns.

• Changing the subtitle language



Each time you touch "Subtitle", the language is selected from the ones stored in the discs and changed.

To turn off the subtitle, touch "Hide".

When you touch , the previous screen returns.

• Changing the audio language



Each time you touch "AUDIO", the language is selected from the ones stored in the discs and changed.

When you touch , the previous screen returns.

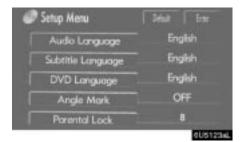
• Changing the angle



The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

Each time you touch "Angle", the angle changes.

When you touch , and the previous screen returns.



• Setup menu

There are initial setting touch-screen buttons on the "Setup Menu" screen.

After you change the initial setting, touch "Enter". The initial setting screen will be turned off and return to the picture previously.

When "**Default**" is touched, all menus are initialized.

The initial setting can be changed.

AUDIO LANGUAGE

You can change the audio language.

- 1. Touch "Audio Language".
- 2. Touch the language you want to hear on the "Select Audio Language" screen.

If you cannot find the language you want to hear on this screen, touch "Other" and enter a language code. For the entry of language code, see the following "ENTER AUDIO LANGUAGE CODE".

To return to the "Setup Menu" screen, touch _____.

SUBTITLE LANGUAGE

You can change the subtitle language.

- 1. Touch "Subtitle Language".
- 2. Touch a language you want to read on the "Select Subtitle Language" screen.

If you cannot find the language you want to read on this screen, touch "Other" and enter a language code. For the entry of language code, see the following "ENTER AUDIO LANGUAGE CODE".

To return to the "Setup Menu" screen, touch .

DVD LANGUAGE

You can change the language on the DVD video menu.

- 1. Touch "DVD Language".
- 2. Touch the language you want to read on the "DVD Language" screen.

If you cannot find the language you want to read on this screen, touch "Other" and enter a language code. For the entry of language code, see the following "ENTER AUDIO LANGUAGE CODE".

To return to the "Setup Menu" screen, touch .

ANGLE MARK

The multi-angle mark can be turned on or off on the screen while the disc which is multi-angle compatible is being played.

Each time you touch "Angle Mark", the angle mark on the screen turns on or off alternately.

PARENTAL LOCK

The level of viewer restrictions can be changed.

- 1. Touch "Parental Lock".
- 2. Enter the 4-digit personal code on the "Enter Personal Code" screen.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

- 10 touches of "Clear" will initialized the personal code.
- 3. Touch a parental level (1 8) on the "Select Restriction Level".

Touch to return to the "Setup Menu" screen.

ENTER AUDIO LANGUAGE CODE



If you touch "Other" on the "Select Audio Language" screen, "Select Subtitle Language" screen or "DVD Language" screen, you can select the language you want to hear or read by entering a language code.

1. Enter the 4-digit language code.

If you enter the wrong numbers, touch "Clear" to delete the numbers.

2. Touch "Enter".

Code	Language	
1001	Japanese	
0514	English	
0618	French	
0405	German	
0920	Italian	
0519	Spanish	
2608	Chinese	
1412	Dutch	
1620	Portuguese	
1922	Swedish	
1821	Russian	
1115	Korean	
0512	Greek	
0101	Afar	
0102	Abkhazian	
0106	Afrikaans	

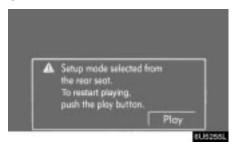
0113	Amharic	
0118	Arabic	
0119	Assamese	
0125	Aymara	
0126	Azerbaijani	
0201	Bashkir	
0205	Byelorussian	
0207	Bulgarian	
0208	Bihari	
0209	Bislama	
0214	Bengali	
0215	Tibetan	
0218	Breton	
0301	Catalan	
0315	Corsican	
0319	Czach	
0325	Welsh	
0401	Danish	
0426	Bhutani	
0515	Esperanto	
0520	Estonian	
0521	Basque	
0601	Persian	
0609	Finnish	
0610	Fiji	
0615	Faroese	
0625	Frisian	
0701	Irish	
0704	Scots-Gaelic	
0712	Galician	
0714	Guarani	
0721	Gujarati	

0801	Hausa	
0809	Hindi	
0818	Croatian	
0821	Hungarian	
0825	Armenian	
0901	Interlingua	
0905	Interlingue	
0911	Inupiak	
0914	Indonesian	
0919	Icelandic	
0923	Hebrew	
1009	Yiddish	
1023	Javanese	
1101	Georgian	
1111	Kazakh	
1112	Greenlandic	
1113	Cambodian	
1114	Kannada	
1119	Kashmiri	
1121	Kurdish	
1125	Kirghiz	
1201	Latin	
1214	Lingala	
1215	Laothian	
1220	Lithuanian	
1222	Latvian	
1307	Malagasy	
1309	Maori	
1311	Macedonian	
1312	Malayalam	
1314	Mongolian	
1315	Moldavian	

1318 Marathi 1319 Malay 1320 Maltese 1325 Burmese 1401 Nauru 1405 Nepali 1415 Norwegian 1503 Occitan 1513 (Afan)Oromo 1518 Oriya 1601 Panjabi 1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian 1823 Kinyarwanda		
1320 Maltese 1325 Burmese 1401 Nauru 1405 Nepali 1415 Norwegian 1503 Occitan 1513 (Afan)Oromo 1518 Oriya 1601 Panjabi 1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1325 Burmese 1401 Nauru 1405 Nepali 1415 Norwegian 1503 Occitan 1513 (Afan)Oromo 1518 Oriya 1601 Panjabi 1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
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1513 (Afan)Oromo 1518 Oriya 1601 Panjabi 1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1518 Oriya 1601 Panjabi 1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1601 Panjabi 1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1612 Polish 1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1619 Pashto, Pushto 1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1721 Quechua 1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1813 Rhaeto-Romance 1814 Kirundi 1815 Romanian		
1814 Kirundi 1815 Romanian		
1815 Romanian		
1823 Kinyarwanda		
1		
1901 Sanskrit		
1904 Sindhi		
1907 Sangho		
1908 Serbo-Croatian		
1909 Sinhalese		
1911 Slovak		
1912 Slovenian		
1913 Samoan		
1914 Shona		
1915 Somali		
1917 Albanian		
1918 Serbian		
1919 Siswati		
1920 Sesotho		

1921	Sundanese	
1923	Swahili	
2001	Tamil	
2005	Telugu	
2007	Tajik	
2008	Thai	
2009	Tigrinya	
2011	Turkmen	
2012	Tagalog	
2014	Setswana	
2015	Tonga	
2018	Turkish	
2019	Tsonga	
2020	Tatar	
2023	Twi	
2111	Ukrainian	
2118	Urdu	
2126	Uzbek	
2209	Vietnamese	
2215	Volapük	
2315	Wolof	
2408	Xhosa	
2515	Yoruba	
2621	Zulu	

SETUP OPERATION FROM THE REAR SEAT



This screen appears when a rear passenger selects the setup menu.

If you want to cancel the setup operation from the rear seat, touch "**Play**". The player will resume normal play.

Under the same condition, the rear passenger can cancel the setup operation from the front seat.

To lock the operation of the player from the rear seat, see "(c) Rear system lock" on page 158.

(g) Operating a video CD

Playing a video CD



Push the "AUDIO" button to display this screen.

When you touch "WIDE", the screen mode can be changed.

It you touch "PICTURE" when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

• Displaying video CD controls





If you touch the part where controls are not located while you are watching video on the video CD, video CD controls will appear.

- ">Page2": Touching this will display on the second page of video CD controls.
- "<Page1": Touching this will display on the top page of video CD controls.
- "Hide Buttons": Touching this will turn off the controls from the screen.
- If **"S** " appears on the display when you touch a control, the operation is not permitted.

Description of video CD controls CONTROLS ON TOP PAGE

"Select Number": The track or number search screen appears. (See "SEARCH-ING BY TRACK" on page 246.)

"Prev. Menu": When you touch this while the disc menu is displayed, the previous page appears on the screen. If you touch this while the player is playing video, the previous track is searched and played.

"Next Menu": When you touch this while the disc menu is displayed, the next page appears on the display. If you touch this while the player is playing video, the next track is searched and played.

"Main/Sub": A multiplex transmission changing control. The mode changes from Main/Sub to Main, to Sub and back to Main/Sub by touching this control.

"Return": Touching this will display the predetermined scene and start playing from there.

CONTROLS ON SECOND PAGE

: Use this to pause the video screen. When you touch this again, the video screen advance frame by frame.

◄: Touch this to fast reverse during playback.

- >: Touch this to pause during playback and resume playing during pause.
- >: Touch this to fast forward during the playback and start playing slowly during pause.

Searching by track



Enter the track numbers and touch "Enter".

The player starts playing video for that title number.

You can select a track number by pushing "∧" or "∨" of "SEEK-TRACK".

If you enter the wrong numbers, touch "Clear" to delete the numbers.

Touch and the previous screen returns.

(h) If the player malfunctions

If the player or another unit equipped with the player malfunction, your audio system will display following messages.

If "DISC CHECK" appears on the display: It indicates that the disc dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, "DISC CHECK" will also appear on the screen. For appropriate discs for this player, see "Audio/video system operating hints" on page 251.

If "REGION CODE ERROR" appears on the display: It indicates that the DVD region code is not set properly.

If "DVD ERROR" appears on the display: It indicates that the inside of the player unit may be too hot due to the very high ambient temperature. Remove the disc from the player and allow the player to cool down.

If the malfunction is not rectified: Take your vehicle to your dealer.

If an MP3 disc contains CD-DA files, only CD-DA files are played. If an MP3 disc contains files other than CD-DA, only MP3 files are played.

(i) DVD player and DVD video disc in- Marks shown on DVD video discs: formation

DVD video discs

This DVD player conforms to NTSC color TV formats. The DVD video disc conforming to another formats such as PAL or SECAM cannot be used.

Region codes: Some DVD video discs have a region code indicating a country where you can use the DVD video disc on this DVD player. If the DVD video disc is not labeled as "ALL" or "1", you cannot use it on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, "REGION CODE ERROR" appears on the screen. Even if the DVD video disc does not have a region code, there is a case that you cannot use it.

NTSC	Indicates NTSC format of color TV.
2))	Indicates the number of audio tracks.
2	Indicates the number of language subtitles.
<u> </u>	Indicates the number of angles.
16:9 LB 4:3	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
	Indicates a region code by which this video disc can be played. ALL: in all countries Number: region code

DVD video disc glossary

DVD video discs: Digital versatile Disc that holds video. DVD video discs have adopted "MPEG2", one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoded technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help you enjoy the more advanced technology of DVD video.

Viewer restrictions: This feature limits what can be viewed in conformity with a level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

Level 1: DVD video discs for children can be played.

Level 2 - 7: DVD video discs for children and G-rated movie can be played.

Level 8: All types of the DVD video discs can be played.

Multi-angle feature: You can enjoy the same scene at different angles.

Multi-language feature: You can select a language of the subtitle and audio.

Region codes: The region codes are provided on DVD players and DVD discs. If the DVD video disc does not have the same region code as the DVD player, you cannot play the disc on the DVD player. For region codes, see page 247.

Audio: This DVD player can play liner PCM, Dolby digital, DTS and MPEG audio format DVD. Other decoded type cannot be played.

Title and chapter: Video and audio programs stored in DVD video disc are divided in parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one piece of movie, one album, or one audio program is assigned as a title.

Chapter: The unit smaller than that of title. A title comprises plural chapters.

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"DTS" is a trademark of Digital Theater Systems, Inc.

Audio/video remote controls —

- Steering switches



Some parts of the audio/video system can be adjusted with the switches on the steering wheel.

Details of the specific switches, controls, and features are described below.

- 1 Volume control switch
- 2 "∧" "∨" switches
- 3 "MODE" switch

1 Volume control switch

Push "+" side to increase the volume. The volume continues to increase while the switch is being pressed.

Push "-" side to decrease the volume. The volume continues to decrease while the switch is being pressed.

"∧" "∨" switches (Seek, search, track)

Radio

To select a preset station:

Quickly push and release the " Λ " or " \vee " switch. Do this again to select the next preset station.

To seek a station:

Push and hold the "\lambda" or "\lambda" switch until you hear a beep. Do this again to find the next station. If you push either the "\lambda" or "\lambda" switch in seek mode, the seek mode will cancel.

Cassette tape player

To skip to a different track in either direction:

Quickly push and release the " Λ " or "V" switch. "FF 1" or "REW 1" will appear on the display.

Next, push the "^" or "V" switch until the track you want to listen to is set. If you push the switch ten times, the skip function will turn off. (You can skip up to nine tracks at a time.)

When counting the number of the tracks you want to rewind, remember to count the current track as well. For example, if you want to rewind to a song that is two before the song you are listening to, push the "V" button three times.

If you push the switch further than you wanted to, push the other side of the switch. The track number will be increased or reduced.

The track number you select is not valid if it is higher than the number of the tracks remaining on the current side of the cassette.

- When the tape reaches to the beginning, the player will automatically start playing that side.
- After the tape reaches to the end, the player will automatically reverse and start playing the other side.

There must be at least 3 seconds of blank space between tracks for the switch to work correctly. In addition, the feature may not work well with some spoken, live, or classical recordings.

To fast-forward or reverse:

Push and hold the "∧" switch to fast-forward a cassette tape. "FF" will appear on the display. Push and hold the "∨" switch to rewind a tape. "REW" will appear on the display.

To stop the tape while it is fast-forwarding, push the "\Lambda" switch. To stop the tape while it is rewinding, push the "\Lambda" switch.

If a tape rewinds completely, the cassette tape player will stop and then play that same side. If a tape fast-forwards completely, the cassette will play the other side of the tape using the auto-reverse feature.

CD changer, DVD changer, or DVD player

Use this button to skip up or down to a different track, file or chapter in either direction

To select a desired track, file or chapter: Quickly push and release the "\"\" or "\" switch until the track, file or chapter you want to play is set. If you want to return to the beginning of the current track, file or chapter, push the "\" switch once, quickly

To select a desired disc:

Push and hold the "\lambda" or "\lambda" switch until you hear a beep to change to the next or the previous disc. Repeat this operation until you reach the disc you want to listen to.

Vehicles with rear seat entertainment system —

While the DVD player is in operation, the chapter or track can be changed by pushing the "\nabla" or "\nabla" switch.

3 "MODE" switch

Each time you push the "MODE" switch, the system changes the audio mode.

The DVD player will be selectable if a rear seat entertainment system is installed in your vehicle.

To turn the audio/video system on, push the "MODE" switch.

To turn the audio/video system off, push and hold the "MODE" switch until you hear a beep.

Audio / video system operating hints

NOTICE

To ensure correct audio/video system operations:

- Be careful not to spill beverages over the audio/video system.
- Do not put anything other than a cassette tape or appropriate discs into the cassette tape slot or CD changer or DVD changer slot.
- The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio/video system which you are listening to. However, this does not indicate a malfunction.

Radio reception

Usually, the problem with radio reception does not mean there is a problem with your radio - it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals. And of course, radio signals have a limited range, and the farther you are from a station, the weaker its signal will be. In addition, reception conditions change constantly as your vehicle moves.

Here are some common reception problems that probably do not indicate a problem with your radio:

FΜ

Fading and drifting stations — Generally, the effective range of FM is about 40 km (25 miles). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path — FM signals are reflective, making it possible for two signals to reach your antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering — These occur when signals are blocked by buildings, trees, or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping — If the FM signal you are listening to is interrupted or weakened, and there is another strong station nearby on the FM band, your radio may tune in the second station until the original signal can be picked up again.

ΑM

Fading — AM broadcasts are reflected by the upper atmosphere — especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference — When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static — AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening, or electrical motors. This results in static.

CARING FOR YOUR CASSETTE TAPE PLAYER AND TAPES

For high performance from your cassette tape player and tapes:

Clean the tape head and other parts regularly.

A dirty tape head or tape path can decrease sound quality and tangle your cassette tapes. The easiest way to clean them is by using a cleaning tape.
(A wet type is recommended.)

Use high-quality cassettes:

- Low-quality cassette tapes can cause many problems, including poor sound, inconsistent playing speed, and constant auto-reversing. They can also get stuck or tangled in the cassette tape player.
- Do not use a cassette if it has been damaged or tangled or if its label is peeling off.
- Do not leave a cassette in the player if you are not listening to it, especially if it is hot outside.
- Store cassettes in their cases and out of direct sunlight.
- Avoid using cassettes with a total playing time longer than 100 minutes (50 minutes per side). The tape used in these cassettes is thin and could get stuck or tangled in the cassette tape player.

MP3/WMA files

- MP3 (MPEG Audio Layer 3) and WMA (Windows Media Audio) are audio compression standards.
- The MP3/WMA player can play MP3 and WMA files on CD-ROM, CD-R and CD-RW discs.

The unit can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system.

- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- The player can play only the first session using multi-session compatible CDs.
- MP3 files are compatible with the ID3
 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, and Ver.
 2.3 formats. The unit cannot display disc title, track title and artist name in other formats.
- WMA files can contain a WMA tag that is used in the same way as an ID3 tag.
 WMA tags carry information such as track title, artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz. (The system can play MP3 files with sampling frequencies of 16, 22.05, and 24 kHz. However, the emphasis function is not available for files recorded at these frequencies.)

 The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.

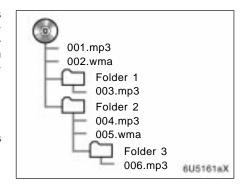
Playable bit rates

MP3 files:

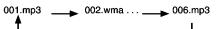
MPEG1 LAYER3—64 to 320 kbps MPEG2 LSF LAYER3—64 to 160 kbps WMA files:

Ver. 7, 8 CBR—48 to 192 kbps Ver. 9 CBR—48 to 320 kbps

- The MP3/WMA player does not play back MP3/WMA files from discs recorder using packet write data transfer (UDF format). Discs should be recorded using "pre-mastering" software rather than packet-write software.
- The m3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The MP3 player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if fast-forward or reverse operations are used.
- It is not possible to check folders that do not include MP3/WMA files.
- MP3/WMA files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than two levels of folders.
- It is possible to play up to 192 folders or 255 files on one disc.



 The play order of the compact disc with the structure shown on the left is as follows:



CD-R AND CD-RW DISCS

- CD-R/CD-R W discs that have not been subject to the "finalizing process" (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/CD-R W discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.
- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-R W discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.
- If you insert a CD-RW disc into the MP3/WMA player, playback will begin more slowly than with a conventional CD or CD-R disc.
- Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

CARING FOR YOUR CD CHANGER, DVD CHANGER, DVD PLAYER AND DISCS

- Your CD changer and DVD changer is intended for use with 12 cm (4.7 in.) discs only.
- Extremely high temperature can keep your CD changer, DVD changer and DVD player from working. On hot days, use air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your CD changer, DVD changer and DVD player skip.
- If moisture gets into your CD changer, DVD changer and DVD player, you may not hear any sound even though your CD changer, DVD changer and DVD player appears to be working. Remove the discs from the CD changer, DVD changer and DVD player and wait until it dries.

! CAUTION

CD changer, DVD changer and DVD player use an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the changer and player correctly.

CD changer



 Use only compact discs marked as shown above. The following products may not be playable on your CD changer.

SACDs dts-CDs Copy-protected CDs

DVD changer



 Use only discs marked as shown above. The following products may not be playable on your DVD changer.

SACDs dts-CDs Copy-protected CDs DVD-Rs DVD+Rs DVD-R Ws DVD+RWs DVD-ROMs

DVD-RAMs

DVD player



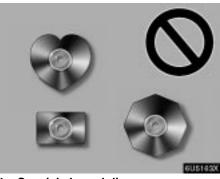
Use only discs marked as shown above. The following products may not be playable on your player.

SACDs Copy-protected CDs CD-ROM DVD-Rs DVD+Rs DVD-R Ws

DVD+RWs DVD-ROMs

DVD-RAMs

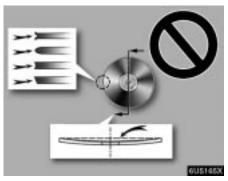
DVD-Audio



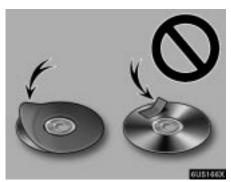
► Special shaped discs



► Transparent / translucent discs



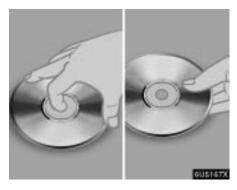
► Low quality discs



▶ Labeled discs

NOTICE

Do not use special shaped, transparent/translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the player or changer, or it may be impossible to eject the disc.



▶ Correct

▶ Wrong

- Handle discs carefully, especially when you are inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scratches, warping, pin holes, or other disc damage could cause the changer to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)
- Remove discs from the changer when you are not using them. Store them in their plastic cases away from moisture, heat, and direct sunlight.



To clean a disc: Wipe it with a soft, lint-free cloth that has been dampened with water. Wipe in a straight line from the center to the edge of the disc (not in a circle). Do not use a conventional record cleaner or anti-static device.

TERMS

Packet write-

This is a general term that describes the process of writing data on-demand to CD-R, etc., in the same way that data is written to floppy or hard discs.

ID3 Tag-

This is a method of embedding track-related information in an MP3 file. This embedded information can include the track title, the artist's name, the album title, the music genre, the year of production, comments and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to the number of characters, the information can be viewed when the track is played back.

WMA Tag-

WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title, artist name.

ISO 9660 format—

This is the international standard for the formatting of CD-ROM folders and files. For the ISO 9660 format, there are two levels of regulations.

Level 1:

The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)

Level 2:

The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u—

Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3—

MP3 is an audio compression standard determined by a working group (MPEG) of the ISO (International Standard Organization). MP3 compresses audio data to about 1/10 the size of that on conventional discs.

WMA-

WMA (Windows Media Audio) is an audio compression format developed by Microsoft. It compresses files into a size smaller than that of MP3 files. The decoding formats for WMA files are Ver. 7, 8, and 9.